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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

Packet Number:

12818.1USU1

Application Number:

09/750,857

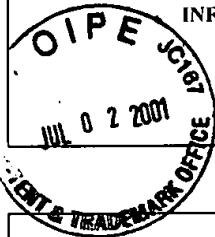
IN AN APPLICATION

Applicant: DOYLE ET AL.

(Use several sheets if necessary)

Filing Date: 12/29/2000

Group Art Unit: 2872



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KSJ	4,150,113	04/17/1979	Hoogendoorn et al.	424	50	11/19/1978
KSJ	4,269,822	05/26/1981	Pellico et al.	424	50	8/29/1980
KSJ	5,176,899	01/05/1993	Montgomery	424	50	11/25/1991
KSJ	5,270,033	12/14/1993	Montgomery	424	50	8/18/1992
KSJ	5,310,541	05/10/1994	Montgomery	424	50	8/27/1992
KSJ	5,336,494	08/09/1994	Pellico	424	94.4	1/29/1993

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2 027 019	12/17/1970	DE				X
KSJ	0 133 736 A2	03/06/1985	EP				
KSJ	0 277 383 A1	08/10/1988	EP				
	10-158189	06/16/1998	JP				X
	6 908 779	12/12/1969	NL				X
KSJ	WO 96/36718	11/21/1996	PCT				
KSJ	WO 97/06775	02/27/1997	PCT				
KSJ	WO 97/38670	10/23/1997	PCT				
KSJ	WO 97/41215	11/06/1997	PCT				
KSJ	WO 97/43424	11/20/1997	PCT				
KSJ	WO 98/14594	04/09/1998	PCT				
KSJ	WO 98/57653	12/23/1998	PCT				
KSJ	WO 99/02640	01/21/1999	PCT				
KSJ	WO 99/02683	01/21/1999	PCT				
KSJ	WO 99/02702	01/21/1999	PCT				

EXAMINER <i>Ketler</i>	DATE CONSIDERED 10/10/02
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Sheet 2 of 3

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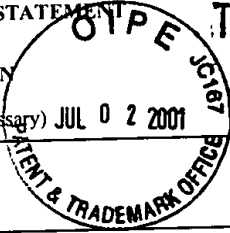
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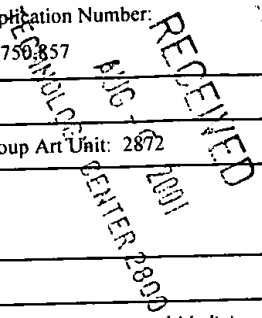


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Applicant: DOYLE ET AL.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KSS	1	Beuth, J. et al., "Inhibition of Bacterial Adhesion and Infections by Lectin Blocking", <i>Advances in Experimental Medicine and Biology</i> , Vol. 408, pp. 51 - 56 (1996)
KSS	2	Camargo, P. de et al., "Host modulation of adherence of oral bacteria: the effect of human neutrophil myeloperoxidase on the attachment of <i>Actinomyces viscosus</i> and <i>Actinomyces naeslundii</i> to saliva-coated hydroxyapatite", <i>J Periodont Res</i> , Vol. 23, pp. 334 - 339 (1988)
KSS	3	Carlen, A. et al., "Saliva Mediated Adherence, Aggregation and Prevalence in Dental Plaque of <i>Streptococcus Mutans</i> , <i>Streptococcus Sanguis</i> and <i>Actinomyces SPP.</i> in Young and Elderly Humans", <i>Archives of Oral Biology</i> , Vol. 41, No. 12, pp. 1133-1140 (1996)
KSS	4	Dawley, R. et al., "4-Hexylresorcinol, a Potent Inhibitor of Mushroom Tyrosinase", <i>Journal of Food Science</i> , Vol. 58, No. 1, pp. 669 - 670 (January - February 1993)
KSS	5	Doyle, R.J. et al., "Tyrosyl Involvement in the Concanavalin A-Polysaccharide Precipitin Reaction", <i>Life Sciences</i> Vol. 7, No. 16, Part II, pp. 841 - 846 (August 15, 1968)
KSS	6	Drake, D. et al., "Specificity of the Glucan-Binding Lectin of <i>Streptococcus cricetus</i> ", <i>Infection and Immunity</i> , Vol. 56, No. 8, pp. 1864 - 1872 (August 1988)
KSS	7	Drake, D. et al., "Expression of the Glucan-Binding Lectin of <i>Streptococcus cricetus</i> Requires Manganous Ion", <i>Infection and Immunity</i> , Vol. 56, No. 8, pp. 2205 - 2207 (August 1988)
KSS	8	Duckworth, H. et al., "Physicochemical and Kinetic Properties of Mushroom Tyrosinase", <i>The Journal of Biological Chemistry</i> , Vol. 245, No. 7, pp. 1613 - 1625 (April 10, 1970)
KSS	9	Gibbons, R.J. et al., "Dextran-induced Agglutination of <i>Streptococcus mutans</i> , and Its Potential Role in the Formation of Microbial Dental Plaques", <i>Journal of Bacteriology</i> , Vol. 98, No. 2, pp. 341 - 346 (May 1969)
KSS	10	Johansen, C. et al., "Enzymatic Removal and Disinfection of Bacterial Biofilms", <i>Applied and Environmental Microbiology</i> , Vol. 63, No. 9, pp. 3724 - 3728 (September 1997)
KSS	11	Kadam, S.S. et al., "Subtoxic Effects of Certain Chemicals on Food Crops", <i>Critical Reviews in Food Science and Nutrition</i> , pp. 49 - 127 (January 1981)
KSS	12	Koga, T. et al., "Sucrose-dependent Cell Adherence and Cariogenicity of Serotype c <i>Streptococcus mutans</i> ", <i>Journal of General Microbiology</i> , Vol. 132, Part 10, pp. 2873 - 2883 (October 1986)
KSS	13	Landale, E. et al., "Characterization by Affinity Electrophoresis of an α -1, 6-Glucan-Binding Protein from <i>Streptococcus sobrinus</i> ", <i>Infection and Immunity</i> , Vol. 55, No. 12, pp. 3011 - 3016 (December 1987)
KSS	14	Lutwyche, P. et al., "Cloning, Sequencing, and Viscometric Adhesion Analysis of Heat-Resistant Agglutinin 1, an Integral Membrane Hemagglutinin from <i>Escherichia coli</i> O9:H10:K99", <i>Infection and Immunity</i> , Vol. 62, No. 11, pp. 5020 - 5026, (November 1994)
KSS	15	Miyasaki, K.T. et al., "Differential Modulation of Adherence of Oral Streptococci by Human Neutrophil Myeloperoxidase", <i>J Dent Res</i> , Vol. 67, No. 10, pp. 1300 - 1306 (October 1988)
KSS	16	Nagata, H. et al., "Role of the Carboxyl-Terminal Region of <i>Porphyromonas gingivalis</i> Fimbriin in Binding to Salivary Proteins", <i>Infection and Immunity</i> , Vol. 65, No. 2, pp. 422 - 427 (February 1997)
KSS	17	Ofek, I. et al., "Adhesion of Bacteria to Oral Tissues", <i>Bacterial Adhesion to Cells and Tissues</i> , Chapman & Hall, Chapter 8, pp. 195 - 238 (1994)
KSS	18	Prakash, N. et al., "Potentiation by α -Difluoromethylornithine of the Activity of 3,4-Dihydroxybenzylamine, a Tyrosinase-Dependent Melanolytic Agent, Against B16 Melanoma", <i>Biochemical Pharmacology</i> , Vol. 34, No. 11, pp. 1887 - 1890 (1985)

EXAMINER

KSS

DATE CONSIDERED

10/10/01

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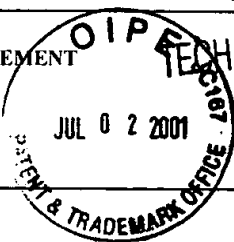
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KS1	19	Russell, R.R.B., "Use of triton X-100 to Overcome the Inhibition of Fructosyltransferase by SDS", <i>Analytical Biochemistry</i> , Vol. 97, pp. 173 - 175 (1979)
KS1	20	Singh, J.S. et al., "Essential amino acids involved in glucan-dependent aggregation of <i>Streptococcus sobrinus</i> ", <i>Carbohydrate Research</i> , Vol. 244, No. 1, pp. 137 - 147 (May 21, 1993)
KS1	21	Vacca-Smith, A.M. et al., "Interactions of Streptococcal Glucosyltransferases with α -Amylase and Starch on the Surface of Saliva-Coated Hydroxyapatite", <i>Archives of Oral Biology</i> , Vol. 41, No. 3, pp. 291 - 298 (March 1996)
KS1	22	Zopf, D. et al., "Development of Anti-Adhesion Carbohydrate Drugs for Clinical Use", <i>Advances in Experimental Medicine and Biology</i> , Vol. 408, pp. 35 - 38 (1996)



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